

Global High Temperature Superconductor (HTS) Cables Production, Demand and Key Producers, 2022-2028

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Abstracts

Superconducting power cables act as a bridge between electric energy transmission and distribution. In a superconducting power cable, a superconducting conductor that reaches superconductivity of zero electric resistance below a specific low temperature is used, allowing low-loss transmission of large currents. Superconducting cables with just 20 percent of the thickness of copper cables have an advantage of heightening electric power transmission dimensions a maximum of 10 times (5 times in alternating current, 10 times in direct current) compared to previous cables by using the superconducting phenomenon that electric resistance disappears at -196°. This means that there is hardly any dissipation of electricity during power transmission. At present, many national research institutions and cable manufacturers are researching and developing this product. The cable market will completely switch to superconducting cables in the future. Many governments are supporting businesses for the commercialization because of the enormous cost of the project.

This report studies the global High Temperature Superconductor (HTS) Cables production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for High Temperature Superconductor (HTS) Cables, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2021 as the base year. This report explores demand trends and competition, as well as details the characteristics of High Temperature Superconductor (HTS) Cables that contribute to its increasing demand across many markets.

The global High Temperature Superconductor (HTS) Cables market size is expected to

reach \$ 762.9 million by 2028, rising at a market growth of 110.7% CAGR during the forecast period (2022-2028).

Highlights and key features of the study

Global High Temperature Superconductor (HTS) Cables total production and demand, 2017-2028, (Meter)

Global High Temperature Superconductor (HTS) Cables total production value, 2017-2028, (USD Million)

Global High Temperature Superconductor (HTS) Cables production by region & country, production, value, CAGR, 2017-2028, (USD Million) & (Meter)

Global High Temperature Superconductor (HTS) Cables consumption by region & country, CAGR, 2017-2028 & (Meter)

U.S. VS China: High Temperature Superconductor (HTS) Cables domestic production, consumption, key domestic manufacturers and share

Global High Temperature Superconductor (HTS) Cables production by manufacturer, production, price, value and market share 2017-2022, (USD Million) & (Meter)

Global High Temperature Superconductor (HTS) Cables production by Type, production, value, CAGR, 2017-2028, (USD Million) & (Meter)

Global High Temperature Superconductor (HTS) Cables production by Application production, value, CAGR, 2017-2028, (USD Million) & (Meter)

This reports profiles key players in the global High Temperature Superconductor (HTS) Cables market based on the following parameters – headquarters, production locations, products portfolio, High Temperature Superconductor (HTS) Cables revenue, sales, average price and gross margin, recent developments.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World High Temperature Superconductor (HTS) Cables market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Meter) and average price (US\$/Meter) by manufacturer, by Type, and by Application. Data is given for the years 2017-2028 by year with 2021 as the base year, 2022 as the estimate year, and 2028 as the forecast year.

Global High Temperature Superconductor (HTS) Cables Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Global High Temperature Superconductor (HTS) Cables Market, Segmentation by Type

Bi2223 Cables

YBCO Cables

Global High Temperature Superconductor (HTS) Cables Market, Segmentation by Application

Grid and Smart Grid

Industrial Applications

Companies Profiled:

Nexans

Furukawa Electric

SHSC

LS Cable & System

NKT

JSC VNIKP

SWCC Showa Holdings

Key Questions Answered

1. How big is the global High Temperature Superconductor (HTS) Cables market?
2. What is the demand of the global High Temperature Superconductor (HTS) Cables market?
3. What is the year over year growth of the global High Temperature Superconductor (HTS) Cables market?
4. What is the production and production value of the global High Temperature Superconductor (HTS) Cables market?
5. Who are the key producers in the global High Temperature Superconductor (HTS) Cables market?
6. What are the growth factors driving the market demand?

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